

Greenhouse Gas Emissions in the United States 2007

Table 1. U.S. Emissions of Greenhouse Gases, Based on Global Warming Potential, 1990, 1995, and 2000-2007
 (Million Metric Tons Carbon Dioxide Equivalent)

Gas	1990	1995	2000	2001	2002	2003	2004	2005	2006	P2007
Carbon Dioxide	5,021.4	5,348.4	5,892.6	5,806.9	5,880.5	5,938.7	6,023.9	6,032.3	5,945.8	6,021.8
Methane	782.1	752.6	685.7	670.1	674.2	676.5	679.7	679.4	686.9	699.9
Nitrous Oxide	336.0	359.7	344.6	339.3	335.4	334.6	361.5	370.8	375.7	383.9
High-GWP Gases ^a	102.4	114.6	152.1	141.4	153.6	149.0	165.0	174.5	171.3	176.9
Total	6,241.8	6,575.2	7,075.0	6,957.7	7,043.7	7,098.8	7,230.1	7,256.9	7,179.7	7,282.4

^aHydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆).
 P = preliminary data.

Notes: Data in this table are revised from the data contained in the previous EIA report, *Emissions of Greenhouse Gases in the United States 2006*, DOE/EIA-0573(2006) (Washington, DC, November 2007). Totals may not equal sum of components due to independent rounding.

Sources: **Emissions:** EIA estimates. **Global Warming Potentials:** Intergovernmental Panel on Climate Change, *Climate Change 2007: The Physical Science Basis* (Cambridge, UK: Cambridge University Press, 2007), web site www.ipcc.ch/ipccreports/ar4-wg1.htm.